

KIT Industries, Inc.

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MATERIAL SAFETY DATA SHEET

LAMINATE-FIX MATTE FINISH & HIGH GLOSS FINISH

DATE OF PREPARATION: 05/01/2003

KIT Industries, Inc.

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Moorestown, New Jersey 08057

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SECTION #1 – IDENTIFICATION

Product: LAMINATE-FIX Matte Finish & High Gloss Finish – All Colors

Product #1800 Series

SECTION #2 – CHEMICAL COMPONENTS

Component: 2,2,4-TRIMETHYL-1,3-PENTANEDIOL-MONOISOBUTYRATE

CAS Number: 25265-77-4

Percent of Mixture: < 2.2

NOT ESTABLISHED

Component: CALCIUM CARBONATE

CAS Number 1317-65-3

Percent of Mixture: < 2.3

Component: ETHYLENE GLYCOL

CAS Number 107-21-1

Percent of Mixture: < 2.6

ACGIH TLV-CEILING: 50ppm

AS VAPOR

OSHA FINAL PEL-CEILING: 50ppm

Component: SYNTHETIC RESIN COMPLEX

SECTION #3 - PHYSICAL DATA

Boiling Point: 212° F 100° C

Specific Gravity: 1.29

Solubility (H2O): INFINITELY

Percent Volatiles: 64.67

Evaporation Rate: SLOWER THAN ETHER

PH: 7.5

VOLATILE ORGANIC CONTENT: 1.27 POUNDS/GALLON (164 GRAMS/LITER)

Appearance

Viscous liquid

Odor

Mild odor

SECTION #4 – FIRE FIGHTING & EXPLOSION DATA

Flash Point: NA°F NA°C

Flammability Class: 111B

Fire and Explosion Hazards

Vapors are heavier than air and may travel along the ground or are moved by ventilation to locations distant from the handling point. Never use a welding or cutting torch on or near container (even empty) because residue may ignite.

Extinguishing Media

Class B extinguisher. Use foam, carbon dioxide or dry chemical fire fighting apparatus.

Special Fire Fighting Instructions

The use of self-contained breathing apparatus is recommended for fire fighters. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling.

SECTION #5 – EXPOSURE EFFECTS and FIRST AID

First Aid – Inhalation

Individual may experience dizziness or lightheadedness when working in areas of high vapor concentrations. Victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.

Route of Exposure – Skin

Due to individual sensitization, this product can cause skin irritation upon prolonged or repeated contact.

First Aid – Skin

Thoroughly wash exposed area with soap and large quantities of water for at least 15 minutes. Remove contaminated clothing. Launder contaminated clothing before reuse.

Route of Exposure – Eyes

Trace amounts of amine and residual monomer vapors may be irritating to the eyes especially in poorly ventilated areas. Irritation in the form of redness, tearing and/or blurred vision. EYE CONTACT: Vapors can cause severe conjunctivitis.

First Aid – Eyes

If this product comes in contact with the eyes, flush with large quantities, of water for at least 15 minutes, lifting upper and lower lids occasionally.

Route of Exposure – Ingestion

Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal.

ETHYLENE GLYCOL: CAS #107-21-1 TOXIC DATA: Slightly toxic to human (oral LD: 1.6 g/kg). Causes mental sluggishness followed by difficulty in breathing and heart failure, kidney and brain damage, possible death. Practically non-toxic to animals (or LD50 rats= 8.5 g/kg).

First Aid – Ingestion

Drink 1 or 2 glasses of water to dilute, DO NOT INDUCE VOMITING. Consult a physician or poison control center immediately. Treat symptomatically.

Health Conditions Aggravated By Exposure

Effects of repeated overexposure. No evidence of adverse effects from available

Incompatible Materials

This product is incompatible with strong oxidizing agents, strong acids or bases and selected amines.

Hazardous Decomposition Products

Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

Hazardous Polymerization: WILL NOT OCCUR

SECTION #7 – SPILL, LEAK, & DISPOSAL PROCEDURESSteps to be Taken in the Event of Spills, Leaks, or Release

Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize skin contact. Ventilate confined spaces. Keep product out of sewers and watercourses by diking or impounding. Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, combustible vapors from absorbed material.

Waste Disposal Methods

Dispose of product in accordance with applicable local, county, state and federal regulations.

SARA Title III Notifications and Information

SARA Title III – Hazard Classes: Acute Health Hazard

SARA Title III – Section 313 Supplier Notification:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

<u>CAS #</u>	<u>Chemical Name</u>	<u>Percent of Mixture</u>
107-21-1	ETHYLENE GLYCOL	2.6

This information must be included on all MSDSs that are copied and distributed for this

SECTION #8 – SPECIAL PROTECTIVE MEASURES

Ventilation

Provide sufficient mechanical (general) and/or local exhaust ventilation to maintain exposure below TLV.

Eye Protection

Safety glasses, chemical goggles and/or face shields are recommended to safeguard against potential eye contact.

Skin Protection

Chemical resistant plastic or rubber gloves.

Respiratory Protection

The use of respiratory protection depends on vapor concentration above the time weighted TLV: use NIOSH/MSHA approved respirator.

Work / Hygienic Practices

DO NOT eat, drink or smoke while using this product. Thoroughly wash hands before eating or smoking.

SECTION #9 – SPECIAL PRECAUTIONS – STORAGE & HANDLING

Storage & Handling Conditions

KEEP FROM FREEZING.

KEEP OUT OF THE REACH OF CHILDREN.

SECTION #10 – SHIPPING INFORMATION

Proper Shipping Name: WATER BASED MATERIAL-KEEP FROM FREEZING

DOT Shipping Label: NOT REGULATED

SECTION #11 – OTHER INFORMATION

TITANIUM DIOXIDE: In an inhalation study, E.I. DuPont's Haskell Toxicology Laboratory found evidence of lung cancer (malignant tumors) in 1 out of 77 male rats and 13 out of 74 female rats after they were exposed to 250 mg/m³ titanium dioxide respirable dust for a two year period. The exposure level of 250 mg/m³ is approximately 50 times that permitted in an occupational environment.

The National Cancer Institute (NCI) conducted a feeding study in rats and mice in which either 25,000 or 50,000 parts per million titanium dioxide was given in their diets for two years. Under the conditions of the NCI test, titanium dioxide didn't cause cancer by the oral route.

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

All information, recommendations and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantees, expressed or implied, as to the effect of such use, the results to be obtained, or the safety and toxicity of the product nor does KIT Industries, Inc. assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.